

# AAA Equinox

- Gravity **10.5 BLG**
- ABV ---
- IBU **38**
- SRM **9.1**
- Style **American Amber Ale**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **26.8 liter(s)**

## Mash information

- Mash efficiency **86 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **14 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **72 C**, Time **10 min**

## Mash step by step

- Heat up **10.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **10 min** at **72C**
- Sparge using **19.8 liter(s)** of **76C** water or to achieve **26.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3 kg (85.7%)	80 %	4
Grain	Strzegom Monachijski typ I	0.2 kg (5.7%)	79 %	16
Grain	Strzegom Karmel 150	0.3 kg (8.6%)	75 %	150

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Equinox	20 g	60 min	13.9 %
Aroma (end of boil)	Equinox	20 g	2 min	13.9 %
Whirlpool	Equinox	20 g	0 min	13.9 %
Dry Hop	Equinox	40 g	7 day(s)	13.1 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	300 ml	Fermentis